

ARMY PUBLIC SCHOOL, MUMBAI (2019-2020)**STANDARD CURRICULUM****CLASS: X****SUB: MATHEMATICS**

<u>S NO</u>	<u>MONTH</u>	<u>SYLLABUS (Chapter No and Name)</u>	<u>VALUES AND SKILLS</u>	<u>ACTIVITIES</u>	<u>CORE VALUES</u>
1.	APRIL	1. REAL NUMBERS 2. POLYNOMIALS	CONFIDENCE AND MOTIVATION	INTRODUCTION OF NUMBER SYSTEM	SELF AWARENESS
2.	JUNE	3. PAIR OF LINEAR EQUATIONS IN TWO VARIABLES	COURAGE	DISCUSSIONS ON PROBLEM SOLVING USING GRAPH.	TEAM WORK
3.	JULY	6. TRIANGLES	UNDERSTANDI NG	PROVING THEOREMS WITH UNDERSTANDING.	ENVIRONMENTAL AWARENESS
4.	AUGUST	8. INTRODUCTION TO TRIGONOMETRY 14. STATISTICS	LOYALTY, HONESTY AND BRAVERY	APPLICATIONS OF TRIGONOMETRY IN REAL LIFE.	PATRIOTISM AND NATIONALISM
5.	SEPTEMBER	14. STATISTICS	HARDWORK AND SINCERITY	PROBLEM SOLVING QUESTIONS USING STATISTICS IN VARIOUS FIELDS.	DISCIPLINE AND DILIGENCE
6.	OCTOBER	15. PROBABILITY 4. QUADRATIC EQUATIONS 5. ARITHMATIC PROGRESSIONS	UNITY AND TEAMWORK	ASSIGNMENT GIVEN WITH DISCUSSION OF QUESTIONS	DIVERSITY AND TOGETHERNESS
7.	NOVEMBER	5. ARITHMATIC PROGRESSIONS 7. COORDINATE GEOMETRY 9. APPLICATIONS OF TRIGONOMETRY	RESPECT	PUZZLE SOLVING ON TEACHNEXT	GENDER SENSITIVITY
8.	DECEMBER	10. CIRCLES 11. CONSTRUCTIONS 12. AREAS RELATED TO CIRCLES	PATIENCE AND FAITH	HOTS QUESTIONS ON AREAS SOLVED AND CONSTRUCTION EXPLAINED	PERSEVERANCE
9.	JANUARY	12. AREAS RELATED TO CIRCLES 13. SURFACE AREAS AND VOLUMES	INTELLEGENCE AND PUBLIC SPEAKING	DISCUSSION ON UNDERSTANDING OF AREAS AND VOLUMES OF DIFFERENT SHAPES	EFFECTIVE COMMUNICATION